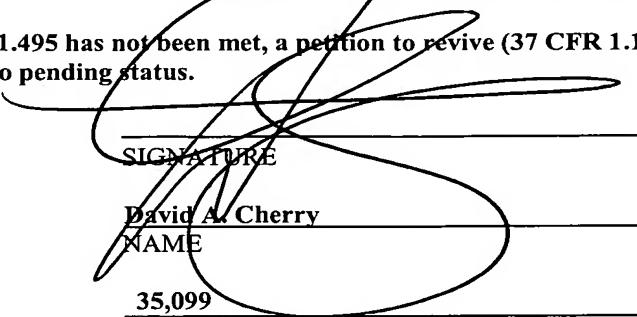


FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NUMBER CELL-0294
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (if known see 37 CFR 1.5) 10/531402
INTERNATIONAL APPLICATION NO. PCT/GB2003/004474	INTERNATIONAL FILING DATE 15 October 2003 (15.10.2003)	PRIORITY DATE CLAIMED 16 October 2002 (16.10.2002)
TITLE OF INVENTION E.COLI HOST CELLS WITH MODIFIED PHOS/PSTS PERIPLASMIC PHOSPHATE-BINDING PROTEINS, AND METHOD OF MANUFACTURING RECOMBINANT FABS		
APPLICANT(S) FOR DO/EO/US David Paul HUMPHREYS, Andrew Paul CHAPMAN, Martyn Kim ROBINSON and Mariangela SPITALI		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1.	<input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.	
2.	<input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.	
3.	<input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9), and (21) indicated below.	
4.	<input type="checkbox"/> The US has been elected (Article 31).	
5.	<input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).	
6.	<input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).	
7.	<input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made.	
8.	<input type="checkbox"/> An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).	
9.	<input checked="" type="checkbox"/> An oath or declaration of the inventor(s) 35 U.S.C. 371(c)(4). (unexecuted)	
10.	<input type="checkbox"/> An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).	
Items 11. to 20. below concern other document(s) or information included:		
11.	<input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.	
12.	<input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.	
13.	<input type="checkbox"/> A preliminary amendment.	
14.	<input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.	
15.	<input type="checkbox"/> A substitute specification.	
16.	<input type="checkbox"/> A power of attorney and/or change of address letter.	
17.	<input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.182-1.825.	
18.	<input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).	
19.	<input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).	
20.	<input checked="" type="checkbox"/> Other items or information: - a copy of Form PCT/IB/308 (Notice Informing the Applicant of the Communication of the International Application to the Designated Offices); - a copy of the International Search Report; - a return postcard.	
EV 482612555 US		
EXPRESS MAIL Mailing Label No. EV 482612555 US Date of Deposit: April 14, 2005		

U.S. APPLICATION NO. (if known) 37 C.F.R. 1.5) 107531402		INTERNATIONAL APPLICATION NO. PCT/GB2003/004474	ATTORNEY DOCKET NUMBER CELL-0294
The following fees are submitted:			
21. <input checked="" type="checkbox"/> Basic national fee		\$300.00	\$300.00
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)		\$100.00	\$
All other situations		\$200.00	
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the International application to the USPTO as an International Searching Authority		\$100.00	\$400.00
International Search Report prepared and provided to the Office		\$400.00	
All other situations		\$500.00	
TOTAL of 21, 22 and 23 =		\$900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
51- 100 =	0/50=		X \$250.00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$	
Claims	Number Filed	Number Extra	Rate
Total claims	- 20 =		X \$50.00
Independent Claims	- 3 =		X \$200.00
Multiple dependent claims(s) (if applicable)		+ \$360.00	\$
TOTAL OF ABOVE CALCULATIONS =		\$900.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.		\$	
SUBTOTAL =		\$900.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		\$	
TOTAL NATIONAL FEE =		\$900.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+	
TOTAL FEES ENCLOSED =		\$900.00	
		Amount to be: refunded	\$
		charged	\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$900.00 to cover the above fee is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. 23-3050 in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner if hereby authorized to charge any additional fees which may be required **except additional claims fees**, or credit any overpayment to Deposit Account No. 23-3050. A duplicate copy of this sheet is enclosed.</p>			
<p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>			
<p>SEND ALL CORRESPONDENCE TO:</p> <p>David A. Cherry Woodcock Washburn LLP One Liberty Place - 46th Floor Philadelphia, PA 19103 (215) 568-3100</p>			
<p>SIGNATURE </p> <p>NAME David A. Cherry</p> <p>REGISTRATION NUMBER 35,099</p>			